

**REMEDIAL INVESTIGATION/  
FEASIBILITY STUDY (RI/FS)  
WORK PLAN Addendum No.1**

**Falcon Refinery Superfund Site  
Ingleside  
San Patricio County, Texas  
TXD 086 278 058**

**Prepared for**

**NATIONAL OIL RECOVERY CORPORATION  
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**April 1, 2009**

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## FIGURE

Figure 1 Project Team

## APPENDIX

Appendix A Updated Project Schedule

## **LIST OF ACRONYMS**

AOC	Area of Concern
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
DQO	Data Quality Objectives
EPA	United States Environmental Protection Agency
FSP	Field Sampling Plan
NORCO	National Oil Recovery Corporation
PC	Project Coordinator
PSCSR	Preliminary Site Characterization Summary Report
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RI	Remedial Investigation
RI/FS	Remedial Investigation / Feasibility Study
RPM	Remedial Project Manager
SAP	RI/FS Sampling and Analysis Plan
VSP	Visual Sample Plan

## 1.0 INTRODUCTION

This Remedial Investigation/Feasibility Study (RI/FS) Work Plan Addendum No.1 will be directed by the *Administrative Order on Consent for Remedial Investigation and Feasibility Study, CERCLA Docket No 06-05-04*, (Order) between the United States Environmental Protection Agency (EPA) and National Oil Recovery Corporation (NORCO).

This addendum provides the pertinent RI/FS Work Plan data for Phase II of the approved RI/FS Work Plan. In addition to the Phase II documentation this addendum will include amendments to portions of the approved RI/FS Work Plan and include the section numbering as described in the full RI/FS Work Plan, which should be reviewed.

Delivery of comprehensive Phase I and Phase II sampling data and analysis will be provided in the Preliminary Site Characterization Summary Report (PSCSR) and the Remedial Investigation (RI) Report.

Phase II objectives include:

- Input Phase I analytical results into Visual Sample Plan (VSP) software algorithms to statistically determine the minimum number of samples required to meet the Data Quality Objectives (DQO) for the Site,
- Determine the nature and extent of contamination, and to
- Identify contaminant migration pathways.

## 2.0 SITE BACKGROUND AND SETTING

Described in the approved RI/FS Work Plan dated August 24, 2007.

### 2.2.3.1 GROUNDWATER

During Phase I, groundwater samples were obtained and analyzed in accordance with the RI/FS Sampling and Analysis Plan (SAP) (August 24, 2007) both on-Site and off-Site. Additionally, background locations were sampled and analyzed. Sampling results are provided in the QAPP Addendum No. 1 and the FSP Addendum No. 1, both dated April 1, 2009.

### 2.2.3.2 SOIL

During Phase I, surface and subsurface soil samples were obtained and analyzed in accordance with the RI/FS Sampling and Analysis Plan (SAP) (August 24, 2007) both on-Site and off-Site. Additionally, background locations were sampled and analyzed.

Sampling results are provided in the QAPP Addendum No. 1 and the FSP Addendum No. 1, both dated April 1, 2009.

#### **2.2.3.2 SURFACE WATER**

During Phase I, surface water samples were obtained and analyzed in accordance with the RI/FS Sampling and Analysis Plan (SAP) (August 24, 2007) both on-Site and off-Site. Additionally, background locations were sampled and analyzed. Sampling results are provided in the QAPP Addendum No. 1 and the FSP Addendum No. 1, both dated April 1, 2009.

#### **2.2.3.4 SEDIMENT**

During Phase I, sediment samples were obtained and analyzed in accordance with the RI/FS Sampling and Analysis Plan (SAP) (August 24, 2007) both on-Site and off-Site. Additionally, background locations were sampled and analyzed. Sampling results are provided in the QAPP Addendum No. 1 and the FSP Addendum No. 1, both dated April 1, 2009.

### **4.0 WORK PLAN RATIONALE**

Phase II data collection, which is described in detail in the FSP Addendum No.1 and QAPP Addendum No.1, is designed to meet the objective of obtaining the required data to evaluate the human health and ecological risks associated with the Site.

### **5.0 RI/FS TASKS**

#### **5.1 Field Investigation**

This is addressed in the RI/FS Sampling and Analysis Plan.

#### **5.2 Sample Analysis / Validation**

This is addressed in the RI/FS Sampling and Analysis Plan.

#### **5.3 Data Evaluation**

This is addressed in the RI/FS Sampling and Analysis Plan.

## **6.0 SCHEDULE**

A copy of the updated project schedule is included as Appendix A.

## **7.0 PROJECT MANAGEMENT**

The Project Team, which is depicted in Figure 1, includes Rafael Casanova of the EPA as the Remedial Project Manager (RPM) and Stephen Halasz as the Project Coordinator (PC). Richard Bergner is the NORCO representative and the PC will be responsible for receiving NORCO concurrence on all actions.

The NORCO Project Team, which is headed by the PC, consists of staff members from Kleinfelder, Accutest Laboratory and additional subcontractors. All activities will be performed in compliance with the HSP and the approved RI/FS Work Plan.

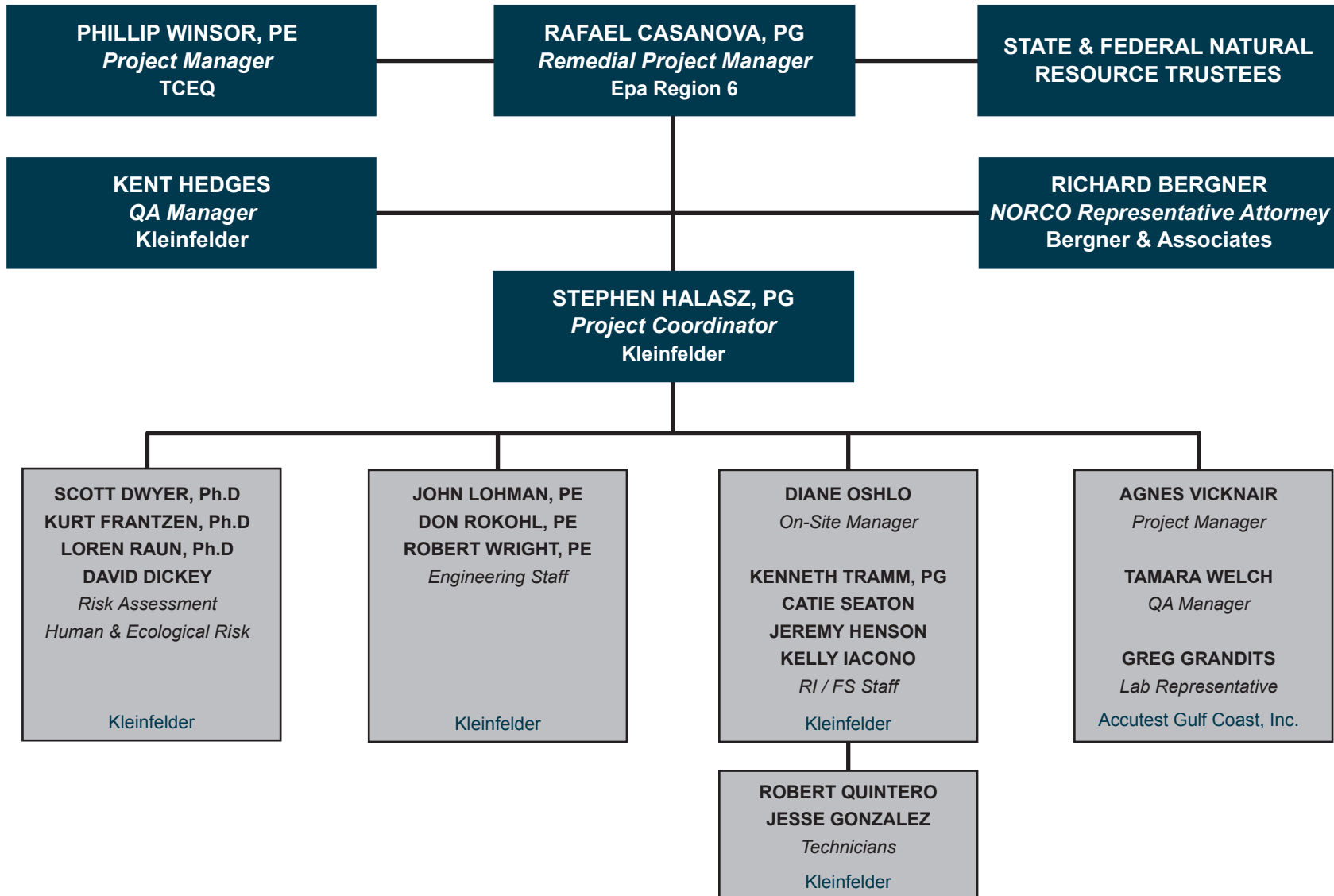
Specific responsibilities concerning sampling, sample shipment and laboratory analysis are addressed in the QAPP and associated addendum.




## **FIGURES**

### **1: PROJECT ORGANIZATION CHART**

**FIGURE 1 - FALCON REFINERY  
RI / FS Project Team Organizational Chart**



DATE DRAWN: 4/1/09	DATE REVISED:	<b>Organizational Chart</b>	 <b>KLEINFELDER</b> <i>Bright People. Right Solutions.</i>  1826 Kramer Lane, Suite M, Austin, TX 78758 Phone: (512) 926-6650 Fax: (512) 833-5058 www.kleinfelder.com	<b>FIGURE</b>  <b>1</b>
DRAFTED BY: C. SEATON				
CHECKED BY: S. HALASZ				
APPROVED BY:				
FALCON REFINERY INGLESIDE, SAN PATRICIO COUNTY, TEXAS				
PROJ NO. 59752	FILE NAME: Org Chart			





## **APPENDIX A**

### **PROJECT SCHEDULE**

